

(3) challenge Brigman to solve the message.

The following is the cryptogram as submitted to Brigman:

KB BTR EKSMO DG TNS GDNX AAT XCN ICA
 IDUSEA AJEF HI RGZ TKCD FP AQWDJ YD MON
 ZK DA JGE ONW HXTCHQC WOSG WTMCP BN RF
 GUUKHEJ II XHR WARHVH FQ QIKCW HGBQLY
 PWVHHROT SMHLME PHGKEPNFY

He fitted the following poem to the text, word for word, by their lengths, after a search through various books of quotations:

*Part of
cipher text
above*
 IN THE PHOTO OF HER HERO SHE CAN SEE
 THINGS THAT DO NOT SHOW SO CLEAR TO YOU
 OR ME FOR HER OUTLOOK EVER SEEMS TO BE
 COLORED BY HER DREAMS IN WHICH GOLDEN
 SUNSHINE GLEAMS ENDLESSLY.

to here
 PROBLEM: Can you prove the hypothetical solution? And if you can, can you solve the following cryptogram in the same key?

QAHOX	OSLАО	WYKVN	XDKJG	TTIKN	TIHKB	ZDFQK
FYCBA	DDXXI	WNHY	YLSTV	PVWAG	WHWEQ	KRNZY
MTFHZ	OCHPO	YKKXB	CXYVV	PPXUA	GYVRQ	QYHEW
UPMNS	TOGHB	AEKLP	UYYTR	LGWKQ	OC	

QAHOX	OSXAO	WYKVN	XREFG	IDTIAD	7B6D4.	ZDFQK
FYCBA	DDXXI	WNIHY	YLZTV	PVWAG	WHWEC	KRNZY
MTFH2	OCHPO	YAKXB	CXYVV	PPXUA	GYVRQ	QYHEW
UPMNS	TOGHB	AEKLF	UYYTR	LGWKQ	OC	

F Q N T L R Y M I J W U I K D H A P O V S B C Z G E
 V S Y R Z O X L Q B M L W F C G T E K N N I A P U J
 H O Z A E D R V N X R B J I P Y U W C S L G T M Q K
 → E A G U F Z K S D Z N Q L T O M B I H R P Y X V W C
 G P M J A W H F A S V R Y E X N L C Z T O D K B I U
 T X Q G B C J G H K Z O U D S R I A Y E F W N L M P
 J V P N I Q P C W A E M F H Z L G O U J B S R X T Y
 K T S L V T I B G U X J C A R P E M Q N H Z D Y O F
 Y H R K Y L N P M D Q I G Z T U X N S C A F O E J W
 + C Z W O R S T X F V L P A Y M D K H I G J E U Q B O
 A B E Z H Y D J K R T G O X F W C L P Q U M V N E I
 N U A e o F Q W Z Y P E D J B I R T V M X K S U L G
 M G I E J V B A O T U F Q N L Z V K X D W H M R P S
 P L U Q K N G E Y M J V S R A O W D F B C X Z T H X
 R M V W S P U O X Q K H Z G E B F J N I D A Y C D T
 X K B M T M E D V W C A P V N J R S I F G O I F Y Z
 W N C Y X U F K B I G T M S Q V H R J P E L J O A D
 S I O D M J W N L P Y X H V K C Z Q T U R Q E G F S
 L E F X Q B S R T O D C K W I A N Y M Z V U P J N H
 → U J D V N H Z Y E F I W B L G K O X A K M T Q S C R
 Q F K S C A O U J L D N R P W E D G W X Y V H I Z M
 : J W H I G E M Q R N S Z T G U F P B D O K C L A X V
 B C L P U X V Z S H A Y N M J T H F E W I R G D K S
 I R T M D K A H C G O ' S X Q Y S I U B L Z P F W Y N
 Z Y X F W G C I P E J D V O H M N R A T J B K S L
 O D J B P I L T U C F K E C V X S Z G Y Q N W H R A

Brugian
 Manage
 Basic
 Talk

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

P O E O N C E

Q A H O X O S

W R O T E Q U O T E T H E R E I S N O T H I N G T H
X A O W Y K V N X D K J G T T I K N T I H K B Z D FE I N G E N U I T Y O F M A N C A N I N V E N T H
Q K F Y C B A D D X X I W N I H Y Y L Z T V P V W AA T T H E I N G E N U I T Y O F M A N C A N N O T U
G W H W E Q K R N Z Y M T F H Z O C H P O Y X K X BN R A Y E L U N Q U O T E D O E S N T T H I S H E L
C X Y V W P P X U A G Y V R Q Q Y H E W U P M N S TP T O P R O V E H I S C O N T R N T I O N
O G H B A E K L F U Y Y T R L G W K Q O C

A B C D E F G H I J K L M N O P Q R S REF ID: A273674
X E R M E S

S A M E R E S E

I NREE ID: A273674 OF HER HERO
SHE CAN SEE
THINGS THAT DO NOT SHOW SO CLEARLY
YOU OR ME
FOR HER OUTLOOK NEVER SEEMS
TO BE COLORED BY HER DREAMS
IN WHICH GOLDEN SUNSHINE & LEADS
ENDLESSLY

J Y M W B @ R I O H O K V (REF#ID:A273674)

S L M P U S U A W V U C R V O R

V U C R V O R

PACIBHMYUURESNTLG

YUURE SINT LGR

EX-ET (J) U.F.O K.MT (Y) S(D) N

D O X W I W Z T G O V G W
I E B O F C D T X G A N C Q I I
P Q V R (J) F B G M (P) W I I N Z V Q
R J F B G M P W H N Z V Q
J P A L U Q A C Y I J U G H T
L C H S y (Q) Y C U Q M

Y X X G X Q T T
J K E N Z Z X T Y G K E K E
N X T Y G K E K E
X X F P

A) Z K V B K D M Y Q Q
J M Y Q Q
K A
E S T L Y M Q T T I C

Z N N C K O R V T X K D B A Z
B A W D Y I U J E N B D S Y
N Y E G N J I T F E O

X L V G K I Y P D J Y L Y M W N Y

J L L S V O H Q Z H M I N C V V

N C V V

THE CATHOLIC CHURCH

Z Y N L Q U J O V O N U Z U K X C

REF ID: A273674
A B C D E F G H I J K L M N O P Q R S T U V W X Y Z } AL2
E H L N S V Z C F K M A U Y D J P R W A G I O T B X
Y Q W T B U M X K R D L I Z G E S F P V O N H C A J Fig. 2-3-4
F I Z D T M P G A V U B H Q W L R C J X S O Y K E N AL5

Bugman Message Alpha.

AL1 was CW5 reversed

AL5 " CW1 direct.

GORDON-Z
write ELEANOR } Key

Setting 5-4-3-2-1 with 5 and 4 inverted

1 O_P T_G C_E P_U
 2 U_R H_N E_T A_y N_{REF} I_D A273674F
 3 W_H H_O L_S S_D H_T
 4 L_T B_E K_J O_R M_P
 5 S_G M_R E_W
 6 Y_w
 S_c

ABCDEF GH IJKL MNOP QRSTUV WXYZ
 TYHOAIUBVPUCKDWQLREXMFSZNG

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z
 J P R W V A I C Y D
 E H L N S V Z C T K M Q U Y S P R W A G I O T B X

Scrambled

0 A H_L E_S P_U
 1 B

2 C

3 D

4 E

5 F

6 G

Bugman ~~CALI~~ ALI

IN THE PHOTO OF HER HER SHE CAN S IN THE PHOTO OF HER RAKKOGA LEADS
 EETHINGS THAT DO NOT SHOW SOCLE EETHINGS THAT DO NOT SHOW SOCLE
 EARTO YOU ORME FOR HER OUT LOOKE EARTO YOU ORME FOR HER OUT LOOKE
 EVER SEEM STOB COLORED BY HER D EVER SEEM STOB COLORED BY HER

X IN THE PHOTO OF HER HER SHE CAN S IN THE PHOTO OF HER HER SHE CAN S
 EETHINGS THAT DO NOT SHOW SOCLE EETHINGS THAT DO NOT SHOW SOCLE
 CATE D USE AA JEFF HI RGZTK CD FPAQW
 EARTO YOU ORME FOR HER OUT LOOKE EARTO YOU ORME FOR HER OUT LOOKE
 EVER SEEM STOB COLORED BY HER D EVER SEEM STOB COLORED BY HER D
 OSGWTMCPBNRFGUUKHEJII XHRWA
 LEAMS IN WHICH GOLDEN SUNSHINE G LEAMS IN WHICH GOLDEN SUNSHINE G
 LEAMS ENDLESSLY LEAMS ENDLESSLY

IN THE PHOTO OF HER HER SHE CAN S
 EETHINGS THAT DO NOT SHOW SOCLE EARTO YOU ORME

B B M T K E T R S O D N S A T N X A 1
B M N I S A F E R N Z W C W
A Q W J A K M N W X C
Y T C N B C U I R C B W H W M
G H R A P R C O V H R O

F S R U X M M F Y E P A J I U K X

S R U X M M F Y E P A J I U K X J S Q S G Z I R K

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z
F S R U X M M F Y E P A J I U K X
S R U X M M F Y E P A J I U K X J S Q S G Z I R K
Y O T O R E T F R M I N E E K A P N D S A T P A C S E P C S O G F E R E N C E P R R F
E P Q G X G D L T N A O P R R N F O B Z F L C K G M K C G R E R A T I O O F J A T
L C G R E R A T I O F J A P A N E S E V E S S E L S T X M P Y T R E J K A T J E
B E Y X M P Y T R D K K V J D W D O A L J Z C Q N M W T Y U O D Y Z C O E S N E
L S M U S T G E S P E E Z
W T Y U O D Y P E E S Z

✓ S Q S G Z I R K Q A H T N I

L S S S G N - 2 R K

P N S S A T P S C

F T D N P L C Y K G

A N E S E V E S S

V O G A K D I C S

Z A V A L N C S